



Attorney Docket IBM-189A

JA998-036X

PATENT

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82/27/02-766
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of : Shimizu, et al.
Serial Number : 534
09/524,097
Filing Date : March 23, 2000
Examiner : To Be Determined
Group Art Unit : 2766
For : MOTION PICTURE ELECTRONIC
WATERMARK SYSTEM

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Please add the following claims in Appendix A to the application as filed. In the event
any additional charges are required, please charge Deposit Account ⁵⁰⁻⁰⁵¹⁰ ~~05-5015~~. An extra copy of
this sheet is enclosed.

Dated: February 4, 2003

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02/28/2003 CCURTIS 00000001 500510 09534097

01 FC:1201 84.00 CH
02 FC:1202 36.00 CH

I hereby certify that this paper is being deposited on the date indicated below with the
U.S. Postal Service as First Class Mail addressed to Commissioner of Patents & Trademarks, Washington, D.C. 20231

Signature: *Thomas A. Beck*
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Date: February 4, 2003



APPENDIX A
"CLEAN" VERSION OF EACH CLAIM
37 C.F.R. § 1.121(b)(ii) AND (c)(i)

AI --20. (New) A computer program product comprising a computer useable medium having computer readable program code means embodied therein for causing motion picture electronic watermark detection by employing statistical observation of frames to detect embedded information, said computer readable program code means in said computer program product comprising computer readable program code means for causing a computer to effect:

- (1) accumulating values through evaluation of frames;
- (2) comparing said accumulated values through observation with threshold values that vary in accordance with said accumulated values; and
- (3) employing the comparison results to detect said embedded information. --

--21. (New) The motion picture electronic watermark detection system according to claim 8, further comprising means for, in the event a bias exists in the signs of values accumulated in said two accumulators, providing an upper limit for said bias. --